a honeycomb pattern in a mutually interlocking arrangement, and

a frequency reuse pattern in which each frequency set occurs at least twice in a cluster of four cells.

17. (New) The wireless communication system of claim 16, wherein each cell in the cluster is assigned a group of frequency sets that is unique within the cluster.

18. (New) The wireless communication system of claim 16, wherein the sectored antennae have beamwidths of fifty to seventy degrees.

19. (New) The wireless communication system of claim 16, wherein the wireless communication system has a frequency reuse factor of K=2.

20. (New) The wireless communication system of claim 16, wherein frequency resources of the wireless communications system include at least six frequency sets and, for any clustered four adjacent base stations, each frequency set is allocated to at least two sectors of the four base stations.

21. (New) A wireless communications system comprising:

a cluster of four base stations, each base station having sectored antennae defining three sectors within a respective cell,

wherein frequency resources of the wireless communications system include at least six frequency sets and each frequency set is allocated to at least two sectors within the cluster of four base stations.

22. (New) The wireless communications system of claim 21, wherein each cell in the cluster is assigned a group of frequency sets that is unique within the cluster.

23. (New) The wireless communications system of claim 21, wherein the frequency resources are allocated to provide at least one other sector between the two sectors that share a frequency set.

24. (New) A wireless communication system comprising a plurality of base stations, each having three NBTC directional antennae, and deployed according to a mutually interlocking arrangement, wherein a first set of base stations provided in a first line are NBTC Type I base stations that are separated from one another by a distance of 1.5 R, and a second